



SITE AREAS
 SITE BOUNDARY - 1765m²
 GENERATOR BLDG. - 470m² Positively Drained to Soakaway.
 OTHER HARDSTANDING - 825m²
 PERMEABLE STONE FINISH - 470m²
 ORIGINAL IMPERMEABLE AREA = 1450m²
 DRAINING TO LANDSCAPED AREAS OF THE SITE = 315m²

ATTENUATION FILTRATION CREATED FROM 10 No 150Ø CORES TO 2M DEPTH WITH SLEAVED PIPE SYSTEM TO 1m DEPTH OVER 800m³ FREE VOLUME FAR GREATER THAN THE 25m³ REQUIRED FOR A PERCOLATION OF 0.05L/Sec DESIGN INFILTRATION RATE TO BE CONFIRMED AT PROPOSED SOAKAWAY LOCATIONS PRIOR TO CONSTRUCTION.

PROPOSED SW DRAINAGE GA
 Scale 1:150

GENERAL
 This drawing to be read in conjunction with all other relevant Engineer's, Architect's and Specialist's drawings, the specifications, Bills of Materials and Contract Documents.
 The G.C. shall be solely responsible for the design and construction of all temporary works, propping, and shoring.
 The G.C. shall inform the Engineer immediately of any variations in the existing construction from that noted on the drawings.
 All work is to comply with all relevant Health and Safety Legislation and Regulations and the safety plan.
 All working dimensions and levels for the fabrication of structural components and steelwork shall be obtained on site by suppliers and agreed with the General Contractor.
 Do not scale from this drawing.

- DRAINAGE LAYOUT NOTES**
- This drawing shall be read in conjunction with all other relevant drawings and specifications.
 - No deviation from the details shown on this drawing shall be allowed unless prior written consent is obtained.
 - Any ambiguities, omissions and inconsistencies on the drawing shall be brought to the engineer's attention immediately.
 - All pipework to be 100mm Ø laid at 1 in 80 min falls UNO.
 - Pipes upto 225Ø shall be Extra Strength Clayware to BS 65:1991, Plastidrain or similar by approval.
 - All levels relate to an Ordnance Datum.
 - The contractor shall be responsible for investigating and verifying all the existing drainage critical to the proposed scheme prior to commencing any work as follows:
 - IC outfall locations
 - outfall invert levels
 - outfall pipe diameters
 - inter-connection of sewers
 - Any inaccuracies or inconsistencies on the drawing resulting from the findings shall be reported to the design engineer.
 - Pipes shall be protected from concentrated loading by construction traffic during the construction period when insufficient cover to the pipe may make them vulnerable to damage.
 - Drainage works within existing highways shall use type 1 GSB for the trench backfill.

PRELIMINARY

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PB	PRELIMINARY ISSUE	MW	SWH	13/05/22	
PA	PRELIMINARY ISSUE	MW	SWH	01/05/22	
REV	AMENDMENT	BY	CHK	APP	DATE

KEY TO FIRST LETTER OF DRAWING ISSUE
 'B' = AS-BUILT ISSUE FABRICATION/BUILD ONLY
 'A' = CONSTRUCTION ISSUE TO BE UNDERTAKEN AT
 'P' = PRELIMINARY ISSUE CONSTRUCTION ISSUE
 'T' = TENDER ISSUE



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TITLE	PROPOSED SITE DRAINAGE GA		
CLIENT	GRIMSBY GENERATION LTD		
SITE	GRIMSBY		
PAPER SIZE	A1	SCALE	AS NOTED AT A1
DRAWN BY	SWH Design Services Ltd	DATE DRAWN	09/03/22
DRAWING NO.	C5125-C-100	ISSUE	PB